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References: 1. Batterman, R.C., and Grossman, A.J.: *Fed. Proc.* 14:316, 1955. 2. Goodman, L.S., and Gilman, A., ed.: *The Pharmacological Basis of Therapeutics*, ed. 4. New York: The Macmillan Company, 1970. 3. Vickers, F.N.: *Gastroint. Endosc.* 14:94, 1967. 4. Mielke, C.H., Jr., and Britten, A.F.H.: *New Engl. J. Med.* 282:1270, 1970 (Corresp.). 5. Vernon, W.G.: *Curr. Therap. Res.* 14:801, 1972. 6. Scheiner, J.J.: *Curr. Therap. Res.* 14:168, 1972. 7. Walker, J.M.: *Curr. Therap. Res.* 15:248, 1973. 8. Data on file, McNeil Laboratories, Inc.

† U.S. Patent No. 2,895,877

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BOOKS RECEIVED

Books received by THE WESTERN JOURNAL OF MEDICINE are acknowledged in this column. Selections will be made for more extensive review in the interest of readers as space permits.

HANDBOOK OF MEDICAL TREATMENT—Fourteenth Edition—Milton J. Chatton, MD, Clinical Associate Professor of Medicine, Stanford University School of Medicine, Senior Attending Physician, Santa Clara Valley Medical Center, San Jose, and Research Associate, Palo Alto Medical Research Foundation. Lange Medical Publications, Drawer L, Los Altos, CA (94022), 1974. 640 pages, \$7.50.

HANDBOOK OF OBSTETRICS & GYNECOLOGY—Fifth Edition—Ralph C. Benson, MD, Professor of Obstetrics and Gynecology and Chairman, Department of Obstetrics and Gynecology, University of Oregon Medical School Hospitals and Clinics, Portland. Lange Medical Publications, Drawer L, Los Altos, CA (94022), 1974. 770 pages, \$8.00.

THE HEMORRHAGIC DISEASES AND THE PATHOLOGY OF HEMOSTASIS—Armand J. Quick, PhD, MD, Research Professor, Hemostasis Research Laboratory, Medical College of Wisconsin, Milwaukee. Charles C Thomas, Publisher, 301-327 Lawrence Avenue, Springfield IL (62703), 1974. 380 pages, \$23.75.

HEROIN ADDICTION IN BRITAIN—What Americans Can Learn from the English Experience—Horace Freeland Judson. Harcourt Brace Jovanovich, Inc., 757 Third Avenue, New York City (10017), 1974. 200 pages, \$6.95.

INTENSIVE CARE—Aake Waahlin, Lars Westermarck, Ansje van der Vliet, Central Anesthesiological Department, Karolinska Sjukhuset, Stockholm. John Wiley & Sons, Inc., Publishers, 605 Third Avenue, New York City (10016), 1974. 323 pages, \$20.00.

MICROBIOLOGY OF HUMAN SKIN—Volume 2 in the Series: Major Problems in Dermatology—W. C. Noble, PhD, MRC Path, Senior Lecturer, Institute of Dermatology, Head of Department of Bacteriology, St. John's Hospital for Diseases of the Skin, London; and Dorothy A. Somerville, PhD, Lecturer, Department of Bacteriology, University of Glasgow, Royal Infirmary, Glasgow. W. B. Saunders Company, West Washington Square, Philadelphia (19105), 1974. 341 pages, \$22.50.

PRIMARY CARE: WHERE MEDICINE FAILS—Edited by Spyros Andreopoulos, Information Officer, Stanford University Medical Center and Editor of *Stanford M.D.* John Wiley & Sons, Inc., Publishers, 605 Third Avenue, New York City (10016), 1974. 212 pages, \$9.95.

PSYCHIATRY IN PRIMARY CARE—Remi J. Cadoret, MD, Professor of Psychiatry, Departments of Psychiatry and Family Practice, School of Medicine, University of Iowa; and Lucy J. King, MD, Associate Professor, Department of Psychiatry, School of Medicine, Washington University, St. Louis. The C. V. Mosby Company, Publishers, 3301 Washington Boulevard, St. Louis, MO (63103), 1974. 339 pages, \$12.95.

REVIEW OF MEDICAL PHARMACOLOGY—4th Edition—Frederick H. Meyers, MD, Professor of Pharmacology; Ernest Jawetz, PhD, MD, Professor and Chairman, Department of Microbiology, Professor of Medicine, Lecturer in Pediatrics; and Alan Goldfien, MD, Professor of Medicine, Departments of Medicine and Obstetrics & Gynecology and Cardiovascular Research Institute, University of California, San Francisco. Lange Medical Publications, Drawer L, Los Altos, CA (94022), 1974. 721 pages, \$10.50.

SYMPOSIUM ON MANAGEMENT OF CLEFT LIP AND PALATE AND ASSOCIATED DEFORMITIES—Proceedings of the Symposium of the Educational Foundation of the American Society of Plastic and Reconstructive Surgeons—Volume 8—Edited by Nicholas G. Georgiade, DDS, MD, FACS, Professor of Plastic Maxillofacial and Oral Surgery, Duke University Medical School, Durham; and contributing editor Robert F. Hagerty, MD, FACS, Director, Saul Alexander Cleft Lip and Palate Center, and Clinical Associate Professor of Surgery (Plastic), Medical University of South Carolina, Charleston. The C. V. Mosby Company, 3301 Washington Blvd., St. Louis, MO (63103), 1974. 324 pages, \$42.50.

SYMPOSIUM ON RECONSTRUCTION OF THE AURICLE—Proceedings of the Symposium of the Educational Foundation of the American Society of Plastic and Reconstructive Surgeons—Volume 10—Edited by Radford C. Tanzer, MD, Clinical Professor of Plastic Surgery, Emeritus, Dartmouth Medical School, Hanover; Consultant in Plastic Surgery, Veterans Administration Hospital, White River Junction, Vermont; and Milton T. Edgerton, MD, Professor and Chairman, Department of Plastic Surgery, University of Virginia School of Medicine, Charlottesville. The C. V. Mosby Company, Ltd., Publishers, 86 Northline Rd., Toronto, Ontario M4B 3E5, 1974. 312 pages, \$42.50.

WELFARE MEDICINE IN AMERICA—A Case Study of Medicaid—Robert Stevens, Professor of Law, Yale University; and Rosemary Stevens, Associate Professor of Public Health, Yale University. The Free Press, A Division of Macmillan Publishing Co., Inc., 866 Third Ave., New York City (10022), 1974. 386 pages, \$13.95.

nique allows for extracapsular cataract removal, in which not all of the lens is removed. All or part of the posterior lens capsule is left in place, which allows for later re-formation of secondary cataracts. For this reason, an opening in the posterior capsule (capsulotomy) is frequently made at the time of the operation. Irritation of the iris by the high frequency vibration leads to some degree of iris atrophy in most cases. There is more post-operative anterior uveitis, as would be expected with extracapsular lens removal. This is usually modified by subconjunctival steroid therapy.

One of the more common complications after phacoemulsification is corneal edema, which is usually transient but may be long-lived. This requires therapy with dehydrating agents and steroids. Compared to intracapsular cataract extraction, the procedure may theoretically lessen

the incidence of macular edema and/or retinal detachment, and limit the amount of vitreous in the anterior chamber. However, the equatorial and subcapsular lens remains which persist after phacoemulsification, impair visualization of the retina, particularly in the periphery. This may complicate the repair of retinal detachments when present.

Phacoemulsification is a valuable surgical technique, which offers a new dimension in cataract surgery. It should be selectively used, and evaluated by unbiased observers.

ROBERT E. CHRISTENSEN, MD

REFERENCES

- Kelman CD: Phaco-emulsification and aspiration. *Am J Ophthalmol* 67:464-477, Apr 1969
 Shock JP: Phaco fragmentation and irrigation of cataracts. *Am J Ophthalmol* 74:187-192, Aug 1972

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JOURNAL REQUIRED

Urgently needed for binding, "Annals of Surgery," January 1974. George D. Lavers, MD, 937 Gem St., Tulare, CA 93274.

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CANCER

March 19—**Clinical Aspects of Malignant Neoplasms**. Eden Hospital of Castro Valley at Oakland Airport Hilton Hotel. Wednesday. \$35. Contact: Manard Pont, MD, Eden Hospital, 20103 Lake Chabot Rd., Castro Valley 94546. (415) 537-1234.

March 20-21—**Clinical Cancer Conference—10th Annual**. UCSF at St. Francis Hotel, San Francisco. Thursday-Friday.

May 7—**American Society of Clinical Oncology**. Town and Country Hotel, San Diego. Wednesday. Contact: Audrey E. Evans, MD, Children's Hospital of Philadelphia, 3400 Civic Ctr. Blvd., Philadelphia, Pa. 19104. (215) 387-6000.

May 8-10—**American Association for Cancer Research, Inc.—66th Annual Meeting**. Town and Country Hotel, San Diego. Thursday-Saturday. Contact: Hugh J. Creech, MD, AACR, 7701 Burholme Ave., Fox Chase, Philadelphia, Pa. 19111. (215) 342-1000, ext. 420.

May 28-30—**Cancer**. USC. Wednesday-Friday.

MEDICINE

March 15-16—**Echocardiography**. UCLA. Saturday-Sunday.

March 20-21—**Arthritis and Clinical Immunology**. USC. Thursday-Friday.

March 21—**Cerebrovascular Disease: Prevention and Diagnosis**. PMC. \$60.

March 21-22—**Infectious Disease**. UCLA. Friday-Saturday.

March 27-29—**Recent Advances in Coronary Heart Disease**. UCI and Pasadena Cardiovascular Research Foundation at Balboa Bay Club, Newport Beach. Thursday-Saturday.

March 31-April 11—**Intensive Review of Internal Medicine**. USC. Two weeks.

April 2—**Sudden Death and Coronary Disease: Diagnostic and Therapeutic Interventions—12th Annual Spring Symposium**. American Heart Association-Greater Los Angeles Affiliate at Beverly Hilton Hotel, Beverly Hills. Wednesday. Contact: LaVerna Titus, AHA-Greater L.A. Affiliate, 2405 W. 8th St., Los Angeles 90057. (213) 385-4231.

April 3-4—**California Thoracic Society**. Sheraton Inn-Harbor Island Hotel, San Diego. Thursday-Friday. Contact: Laurie Harkness, CTS, 224 Pendleton Way, Oakland 94621. (415) 636-1756.

April 6-9—**What's New in Gastroenterology**. UCLA at Canyon Hotel, Palm Springs. Sunday-Wednesday.

April 7-10—**American College of Physicians—56th Annual Ses-**

sion. Fairmont Hotel, San Francisco. Monday-Thursday. Contact: Edward C. Rosenow, Jr., MD, Exec. VP, ACP, 4200 Pine St., Philadelphia, Pa. 19104. (215) 222-8120.

April 7-16—**Cardiology for the Consultant: A Clinician's Retreat**. American College of Cardiology at Rancho Santa Fe Inn, Rancho Santa Fe. 10 days. Contact: Mary Anne McInerny, Dir., Dept. of Cont. Ed. Programs, 9650 Rockville Pike, Bethesda, Md. 20014. (301) 530-1600.

April 13-14—**American College of Physicians, Hawaii Regional Meeting**. Honolulu. Sunday-Monday. Contact: Bernard W. D. Fong, MD, 97 Dowsett Ave., Honolulu 96817.

April 15-18—**Consultants' Course in Dermatology**. UCSF. Tuesday-Friday.

April 21-25—**Diagnostic and Therapeutic Skills in Internal Medicine**. USC at Mauna Kea Beach Hotel, Kamuela, Hawaii. Monday-Friday.

April 23—**Symposium on Cardiovascular Disease—15th Annual**. Calif. Heart Association and N. T. Enloe Memorial

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KEY TO ABBREVIATIONS AND SYMBOLS

Medical Centers and CMA Contacts for Information

- CMA:** California Medical Association
Contact: Continuing Medical Education, California Medical Association, 731 Market Street, San Francisco 94103. (415) 777-2000.
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Contact: Duane Dillman, PhD, Director, Office of Continuing Education, Charles R. Drew Postgraduate Medical School, 1621 East 120th Street, Los Angeles 90059. (213) 564-5911, ext. 391.
- LLU:** Loma Linda University
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Usage in pregnancy: Weigh the potential benefits against possible risks before using during pregnancy, lactation or in women of childbearing age. Diphenoxylate HCl and atropine are secreted in the breast milk of nursing mothers.

Precautions: Addiction (dependency) to diphenoxylate HCl is theoretically possible at high dosage. Do not exceed recommended dosages. Administer with caution to patients receiving addicting drugs or known to be addiction prone or having a history of drug abuse. The subtherapeutic amount of atropine is added to discourage deliberate overdosage; strictly observe contraindications, warnings and precautions for atropine; use with caution in children since signs of atropinism may occur even with the recommended dosage.

Adverse reactions: Atropine effects include dryness of skin and mucous membranes, flushing and urinary retention. Other side effects with Lomotil include nausea, sedation, vomiting, swelling of the gums, abdominal discomfort, respiratory depression, numbness of the extremities, headache, dizziness, depression, malaise, drowsiness, coma, lethargy, anorexia, restlessness, euphoria, pruritus, angioneurotic edema, giant urticaria and paralytic ileus.

Dosage and administration: Lomotil is contraindicated in children less than 2 years old. Use only Lomotil liquid for children 2 to 12 years old. For ages 2 to 5 years, 4 ml. (2 mg.) t.i.d.; 5 to 8 years, 4 ml. (2 mg.) q.i.d.; 8 to 12 years, 4 ml. (2 mg.) 5 times daily; adults, two tablets (5 mg.) t.i.d. to two tablets (5 mg.) q.i.d. or two regular teaspoonfuls (10 ml., 5 mg.) q.i.d. Maintenance dosage may be as low as one fourth of the initial dosage. Make downward dosage adjustment as soon as initial symptoms are controlled.

Overdosage: Keep the medication out of the reach of children since accidental overdosage may cause severe, even fatal, respiratory depression. Signs of overdosage include flushing, lethargy or coma, hypotonic reflexes, nystagmus, pinpoint pupils, tachycardia and respiratory depression which may occur 12 to 30 hours after overdose. Evacuate stomach by lavage, establish a patent airway and, when necessary, assist respiration mechanically. Use a narcotic antagonist in severe respiratory depression. Observation should extend over at least 48 hours.

Dosage forms: Tablets, 2.5 mg. of diphenoxylate HCl with 0.025 mg. of atropine sulfate. Liquid, 2.5 mg. of diphenoxylate HCl and 0.025 mg. of atropine sulfate per 5 ml. A plastic dropper calibrated in increments of 1/2 ml. (total capacity, 2 ml.) accompanies each 2-oz. bottle of Lomotil liquid.

SEARLE

Searle & Co.
San Juan, Puerto Rico 00936

Address medical inquiries to:
G. D. Searle & Co.
Medical Department, Box 5110,
Chicago, Illinois 60680

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(Continued from Page 39)

Hospital at Elks Lodge Hall, Chico. Wednesday. 6 hrs. \$25.
Contact: Marge Herman, CHA, 1372 Longfellow Ave.,
Chico 95926. (916) 342-4247.

April 23-25—**Diabetes and Related Endocrine Diseases.** UCSF. Wednesday-Friday.

May 2—**The Thyroid.** PMC at Miyako Hotel, San Francisco. Friday. \$80.

May 8—**Asthma.** USC. Thursday.

May 9-10—**Blood Transfusion—1975.** UCSF. Friday-Saturday.

May 19-23—**Advances in Internal Medicine.** UCSF. Monday-Friday.

May 22-24—**Ischemic Heart Disease: A Critical Overview.** PMC and American College of Cardiology at St. Francis Hotel, San Francisco. Thursday-Saturday.

MENTAL RETARDATION

April 29-30—**Mental Retardation.** USC. Tuesday-Wednesday.

OBSTETRICS AND GYNECOLOGY

March 15-16—**Gynecologic Endoscopy: Diagnostic and Operative.** UCI and American Association of Gynecological Laparoscopists. Saturday-Sunday. \$150.

March 25-28—**High Risk Pregnancy.** USC at Canyon Hotel, Palm Springs. Tuesday-Friday.

March 28-29—**Review of Gynecological Surgery.** PMC at Miyako Hotel, San Francisco. Friday-Saturday.

April 1—**Oral Contraceptives Symposium.** World Health Information Services, Inc, and USC at Century Plaza Hotel, Los Angeles. Tuesday. Contact: Yvonne Maddox, President, WHIS, 145 E. 49th St., New York 10017. (212) 751-5737.

April 2-5—**American Fertility Society.** Century Plaza Hotel, Los Angeles. Wednesday-Saturday. Contact: Robert B. Wilson, MD, Med. Dir., AFS, 1608 13th Ave. S., Suite 101, Birmingham, Ala. 35205. (205) 933-7222.

April 16-18—**Association of Planned Parenthood Physicians.** See Of Interest to All, April 16-18.

April 21-25—**Family Planning.** UCLA. Monday-Friday. Contact: Irvin M. Cushner, MD, Ob-Gyn Dept., UCLA Center for Health Sciences, Los Angeles 90024. (213) 825-1046.

May 16-17—**Obstetrics and Gynecology Symposium.** Southern Calif. Permanente Medical Group at Sheraton Hotel, Anaheim. Friday-Saturday. Contact: Shirley Gach, So. Calif. Permanente Medical Group, 4900 Sunset Blvd., Los Angeles 90027. (213) 667-4242.

May 19-22—**Ob/Endocrinology and Infertility.** USC at Mauna Kea Beach Hotel, Kamuela, Hawaii. Monday-Thursday.

PEDIATRICS

April 4-5—**Pediatric Conference: Infectious Diseases in Childhood and Adolescent Medicine.** UCD at Mansion Inn, Sacramento. Saturday-Sunday.

April 5-12—**Pediatrics.** USC at Kona Surf Hotel, Kona, Hawaii. One week.

April 6-7—**Parenting/Pediatrics.** DREW. Sunday-Monday.

April 21-25—**Review of Pediatrics.** USC. Monday-Friday.

April 26—**Growth to Maturity: The Adolescent and the Helping Professions.** UCSF. Saturday.

May 2-3—**Pediatric Symposium.** Southern Calif. Permanente Medical Group. Friday-Saturday. Contact: Shirley Gach, So. Calif. Permanente Medical Group, 4900 Sunset Blvd., Los Angeles 90027. (213) 667-4242.

May 8-10—**Annual Pediatric Course.** UCSF. Thursday-Saturday.

May 16-18—**American Academy of Pediatrics, Northern California Chapter.** Ahwahnee Hotel, Yosemite. Friday-Sunday.

Contact: Melvin Schwartz, MD, 2219 Santa Clara Ave., Alameda 94501. (415) 523-3417.

May 17-18—**Hypertension in Children and Adolescents: Facts, Fictions and Controversies.** Memorial Hosp. Med. Ctr. of Long Beach, Children's Hosp. of Long Beach, Children's Hosp. of Los Angeles at Center for Health Education, Long Beach. Saturday-Sunday. Contact: Executive Secretary, Center for Health Education, 2801 Atlantic Ave., Long Beach 90801.

May 18-21—**Heart and Lung Disease in Neonates and Infants.** UCLA at Ahwahnee Hotel, Yosemite. Sunday-Wednesday.

May 31-June 1—**Attentional Disorders in Children.** UCLA at Asilomar Conference Grounds, Monterey. Saturday-Sunday.

PSYCHIATRY

April 9-June 25—**Advanced Psychotherapeutic Techniques—A Practical Approach to Therapy—Part II.** UCLA. Wednesdays, 7:30-10:00 p.m.

April 11-12—**AMA Department of Mental Health Conference.** St. Francis Hotel, San Francisco. Friday-Saturday. Contact: AMA Dept. of Mental Health, 535 N. Dearborn St., Chicago 60610. (312) 751-6000.

April 25—**Prevention and Indirect Services.** See Of Interest to All, April 25.

May 3-4—**American Society for Adolescent Psychiatry—Annual Meeting.** Century Plaza Hotel, Los Angeles. 9 hrs. \$25 for members; \$35, non-members. Contact: Mary D. Staples, ASAP, 24 Green Valley Rd., Wallingford, Pa. 19086. (215) 566-1054.

May 4—**American Academy of Psychiatry and the Law—Semi-Annual Meeting.** Anaheim. Sunday. Contact: Seymour Pollack, MD, USC Institute of Psychiatry and Law, 1237 N. Mission Rd., Los Angeles 90033.

May 5-9—**American Psychiatric Association.** Anaheim. Monday-Friday. Contact: Melvin Sabshin, MD, Med. Dir., APA, 1700 18th St., N.W., Washington, D.C. 20009.

May 17—**Suicide Prevention.** UCSF. Saturday.

May 21-26—**Psychiatric Update—2nd Annual.** UCLA at Ahwahnee Hotel, Yosemite. Wednesday-Monday.

RADIOLOGY AND PATHOLOGY

May 3—**Nuclear Medicine—5th Annual Spring Symposium.** Sierra Valley Nuclear Medicine Assn.; No. Calif. Chapter, Society of Nuclear Medicine, at El Rancho Hotel, West Sacramento. Saturday. Contact: Darleen Nelson, Nuclear Med. Dept., Mercy San Juan Hospital, 6501 Coyle Ave., Carmichael 95608.

SURGERY AND ANESTHESIOLOGY

March 15—**Surgical Anatomy and Surgery of the Abdomen.** International College of Surgeons, U.S. Section, at L.A. Orthopaedic Hospital, Los Angeles. Saturday. 8 hrs. \$50. Contact: Irving Rehman, PhD, Chr., Postgraduate & Ongoing Education Committee, 5153 Tampa Ave., Tarzana 91356. (213) 344-3305.

March 15-16—**Los Angeles County Society of Anesthesiologists—20th Annual Postgraduate Assembly.** Hilton Hotel, Los Angeles. Saturday-Sunday. Contact: L.A. County Soc. of Anesthesiologists, 184 N. Canon Dr., Beverly Hills 90210.

March 15-19—**Controversial Areas in Surgery—12th Annual.** UCLA at Canyon Hotel, Palm Springs. Saturday-Wednesday.

March 16-28—**Temporal Bone Surgical Dissection Course.** Ear Research Institute, Los Angeles. Two weeks. \$1,200; \$900, residents. Contact: Jack L. Pulec, MD, 2130 W. 3rd St., L.A. 90057.

March 19-23—**Management of Trauma.** UCLA at Canyon Hotel, Palm Springs. Wednesday-Sunday.

March 20-21—**Diseases of the Urinary Tract: Techniques and Principles of Urologic Surgery—3rd Annual Symposium.** STAN. Thursday-Friday.

April 3-4—**Ophthalmology Symposium—Posterior Segment Complications of Anterior Segment Surgery.** Mt. Zion Hospital and Medical Center at St. Francis Hotel, San Francisco. Thursday-Friday. 16 hrs. \$200. Contact: Linda Cross, Dept. of Cont. Ed., Mt. Zion Hospital, 1600 Divisadero, San Francisco 94115. (415) 567-6600, ext. 108.

April 3-4—**Phaco-Fragmentation.** UCSF. Thursday-Friday.

April 3-4—**California Thoracic Society.** See Medicine, April 3-4.

April 5-12—**Orthopedics.** USC at Mauna Kea Hotel, Kamuela, Hawaii. One week.

April 6-18—**Temporal Bone Surgical Dissection Course.** Ear Research Institute, Los Angeles. Two weeks. \$1,200; \$900 for residents. Contact: Jack L. Pulec, MD, Ear Research Institute, 2130 W. 3rd St., Los Angeles 90057.

April 7-10—**Care of Spinal Cord Injury Patients.** Rickey's Hyatt House, Palo Alto. Monday-Thursday. Contact: Inder Perkash, MD, Chief, Spinal Cord Injury Service, VA Hospital, 3801 Miranda Ave., Palo Alto 94304.

April 10-12—**General Surgery—Annual Conference.** UCSF at Hilton Hotel, San Francisco. Thursday-Saturday.

April 19—**Surgical and Clinical Anatomy of the Vascular System.** International College of Surgeons, U.S. Section, at L.A. Orthopaedic Hospital, Los Angeles. Saturday. 8 hrs. \$50. Contact: Irving Rehman, PhD, Chr., Postgraduate and Ongoing Education Committee, International College of Surgeons, U.S. Section, 5153 Tampa Ave., Tarzana 91356. (213) 344-3305.

April 26-May 3—**Management of the Surgical Patient.** STAN at Mauna Kea Beach Hotel, Kamuela, Hawaii. One week.

April 30-May 3—**Body Contouring and Reconstruction.** UCLA. Wednesday-Saturday.

May 2-3—**Microsurgery of the Anterior Segment of the Eye—6th Annual Jules Stein Lecture and Postgraduate Seminar.** UCLA. Friday-Saturday.

May 2-3—**Trauma.** UCSF at Mary's Help Hospital, San Francisco. Friday-Saturday.

May 4-8—**American Society of Colon and Rectal Surgeons.** Hilton Hotel, San Francisco. Sunday-Thursday. 20 hrs. Contact: Harriette Gibson, Admin. Sec., ASCRS, 320 W. Lafayette, Detroit, Mi. 48226. (313) 961-7880.

May 4-11—**14th Biennial Western Conference on Anesthesiology.** Princess Kaiulani Hotel, Honolulu. One week. Contact: Murray G. Atnikov, MD, Sec-Treas, BWCA Travel Headquarters, P.O. Box 32366, San Antonio, Tex. 78216.

May 8—**Industrial Back Injuries.** PMC. Thursday.

May 9—**Office Orthopedics.** USC. Friday.

May 15-17—**Neurosurgery.** UCSF and American College of Surgeons at Hilton Hotel, San Francisco. Thursday-Saturday.

May 17—**American College of Surgeons, Northern California Chapter.** Hilton Hotel, San Francisco. Saturday. Contact: Dorothy Archbold, Exec. Sec., 2249 Van Ness Ave., No. 2, San Francisco 94109. (415) 221-4810, ext. 251

May 17—**Surgical Anatomy and Surgery of the Chest.** International College of Surgeons, U.S. Section, at Los Angeles Orthopaedic Hospital. Saturday. 8 hrs. \$50. Contact: Irving Rehman, PhD, Chr., Postgraduate and Ongoing Education Committee, 5153 Tampa Ave., Tarzana 91356. (213) 344-3305.

May 22-23—**Phaco-Fragmentation.** UCSF. Thursday-Friday.

May 22-23—**Sensory and Perceptual Dysfunction.** USC. Thursday-Friday.

OF INTEREST TO ALL PHYSICIANS

March 21-22—**West Coast Counties Postgraduate Institute.** CMA at Quail Lodge, Carmel. Friday-Saturday.

March 22-23—**Healing I.** UCSC; UCLA and Gladman Memorial Hospital, Oakland, at Univ. of Calif., Santa Cruz. Saturday-Sunday. Contact: UC Extension, Santa Cruz 95064.

March 23-27—**American Association of Anatomists.** Hilton Hotel, Los Angeles. Sunday-Thursday. Contact: Dr. Melvin Hess, Dept. of Anatomy, La. State Univ. Med. Center, 1542 Tulane Ave., New Orleans, La. 70112.

April 4-5—**Course in Diving Medicine for the Practicing Physician.** UCSF at Sheraton-Palace Hotel, San Francisco. Friday-Saturday. 16 hrs. \$125.

April 6-10—**The Family in Family Practice.** UCLA at Riviera Hotel, Palm Springs. Sunday-Thursday.

April 7-10—**Care of Spinal Cord Injury Patients.** See Surgery, April 7-10.

April 12-13—**Healing II.** UCSC; UCLA and Gladman Memorial Hospital, Oakland, at Univ. of Calif., Santa Cruz. Saturday-Sunday. Contact: UC Extension, Santa Cruz 95064.

April 13-17—**American Industrial Health Conference.** American Occupational Medical Association at Hilton Hotel, San Francisco. Sunday-Thursday. 18 hrs. \$30. Contact: Howard N. Schulz, Exec. Dir., AOMA, 150 N. Wacker Dr., Chicago, Ill. 60606. (312) 782-2166.

April 14-20—**Introduction to Diving Medicine.** UCSF at VA Hospital, Fresno. Monday-Sunday.

April 15—**Assault or Negligence: Doctor's Choice.** UCSF. Tuesday

April 16-18—**Association of Planned Parenthood Physicians—13th Annual Scientific Meeting and Postgraduate Program.** Century Plaza Hotel, Los Angeles. Wednesday-Friday. Contact: Joseph E. Davis, MD, 810 7th Ave., N.Y. 10019. (212) 541-7800.

April 17-18—**Obesity.** USC. Thursday-Friday.

April 19-20—**Ethical Issues in Modern Medical Practice.** UCLA. Saturday-Sunday.

April 21-25—**Emergency Medicine.** USC at Kona Surf Hotel, Kona, Hawaii. Monday-Friday.

April 21-25—**Family Planning.** See Ob-Gyn, April 21-25.

April 21-May 2—**Emergency Department Medicine in Practice.** UCLA and Harbor General Hospital at Harbor Gen. Hosp., Torrance. Two weeks.

April 25—**Prevention and Indirect Services.** Kings View Foundation at Sheraton Inn, Fresno. Friday. \$20. Directed to physicians interested in various aspects of prevention in fields of mental health, developmental disabilities, substance abuse and gerontology. Contact: Kings View Foundation, Public Information Dept., P.O. Box 512, Reedley 93654. (209) 638-3655.

April 25-26—**Human Sexuality and Medicine.** CMA at Ahwahnee Hotel, Yosemite. Friday-Saturday.

April 25-26—**Medical Applications of Behavior Modification to Stroke, Heart Disease, Spinal Injury and Cancer.** PMC. Friday-Saturday. \$125.

April 25-27—**Advances in the Control & Management of Chronic Pain.** UCLA. Friday-Sunday.

April 28-May 1—**Aerospace Medical Association—46th Annual Scientific Meeting.** Hilton Hotel, San Francisco. Monday-Thursday. 18 hrs. Contact: Merrill H. Goodwin, MD, Exec. VP, Aerospace Med. Assn., Washington National Airport, Washington, D.C. 20001. (202) 638-2190.

May 2—**The Thyroid.** See Medicine, May 2.

May 9-10—**San Joaquin Valley Counties Postgraduate Institute.** CMA at Ahwahnee Hotel, Yosemite. Friday-Saturday.

May 10—**Clinical Pharmacology Conference — 6th Annual.** STAN at Palo Alto Medical Research Foundation, Palo Alto. Saturday.

May 19-23—**Topics in Emergency Medicine.** UCSF. Monday-Friday.

PRECEPTORSHIPS AND TRAINEESHIPS

Training for Physicians in General Internal Medicine. LLU. Four weeks or more, by arrangement. Bedside and classroom

training, practical aspects of clinical care and management. 160 hrs. Contact: John E. Peterson, MD, LLU.

Training of Physicians in Modern Concepts of Pulmonary Care. LLU. Four weeks or more, by arrangement. Diagnostic and therapeutic methods in medical chest disease, physiological methodology of modern pulmonary care programs, use of new instrumentation in the field. 160 hrs. Contact: John E. Hodgkin, MD, Chief, Section of Medical Chest Diseases, LLU.

Training for Physicians in Nephrology. LLU. Four weeks or more, by arrangement. Hemodialysis, peritoneal dialysis, renal biopsy, and kidney transplantation. 160 hrs. Contact: Robert E. Soderblom, MD, LLU.

Mini Residencies in Orthopaedics. STAN. Postgraduate traineeships of 4-14 days, as you wish. No tuition but donations accepted. Contact: Orthopaedic Division, Dept. of Surgery, Stanford.

Preceptorships in Cardiology. PMC. By arrangement. \$200 per mo.; \$500 for 3 mos. Contact: Arthur Selzer, MD, PMC.

Preceptorships in Practical Office Dermatology. PMC. Wednesdays or Fridays, 9:00 a.m.-12:00 noon, for 10 weeks. Periods begin Oct., Jan., or April. \$100. Contact: Harold M. Schneidman, MD, Dept. of Dermatology, PMC.

Preceptorships in Infectious Disease. PMC. Full time for four weeks. To be arranged. \$250. Contact: Rodney J. Valentine, MD, Chief, Div. of Infectious Diseases, PMC.

Preceptorships in Basic Sciences, Biochemistry and Biophysics, Dermatology, Echocardiography, International Health, Microbiology, Neurological Surgery, Obstetrics and Gynecology, Pediatrics, Pharmacology and Experimental Therapeutics, Physiology, Psychiatry, Urology. UCSF. By special arrangement.

Traineeships in Renal Dialysis. UCSF. By special arrangement.

AUDIO-DIGEST FOUNDATION

A non-profit subsidiary of CMA. Twice-a-month tape recorded summaries of leading national meetings and surveys of current literature. Services by subscription in: Family Practice, Surgery, Internal Medicine, Ob/Gyn, Pediatrics, Psychiatry, Anesthesiology, Ophthalmology, Otorhinolaryngology. Catalog of lectures and panel discussions in all areas of medical practice also available. \$75 per year. Contact: Mr. Claron L. Oakley, Editor, Suite 700, 1930 Wilshire Blvd., Los Angeles 90057. (213) 483-3451.

OREGON

COUNCIL ON MEDICAL EDUCATION

THIS BULLETIN of information regarding continuing education programs and meetings of various medical organizations in Oregon is supplied by the Council on Medical Education of the Oregon Medical Association. In order that they may be listed here, please send communications relating to your future meetings or postgraduate courses two months in advance to Council on Medical Education, Oregon Medical Association, 2164 S.W. Park Place, Portland, Oregon 97205; or phone (503) 226-1555.

MEDICAL GRAND ROUNDS

University of Oregon Medical School, Family Practice Center, 3181 S.W. Sam Jackson Park Road, Portland 97201:

Every Thursday, 8:00 a.m. to 9:00 a.m.—**Family Practice Grand Rounds.** Contact: David D. Smith, MD, Department of Family Practice, University of Oregon Medical School.

Providence Hospital, 700 N.E. 47th Ave., Portland 97213 (Contact: Marian Campbell, Department of Medical Education, 503-234-8211):

March 19, Wednesday, 8:00 a.m. (Auditorium, Providence Hall)—**Medical Morbidity and Mortality**—W. Miller, MD, Chief Medicine Resident, and W. Olsen, MD, Chairman, Medical Committee.

ANESTHESIOLOGY

May 17-19—**Oregon Society of Anesthesiologists, Inc. Annual Meeting**. Salishan, Gleneden Beach, Oregon 97388. Contact: Lynn Husband, MD, 2212 N.W. Pettygrove, Portland 97210.

CARDIOLOGY

June 5-7—**Progress in Coronary Artery Disease and Valvular Heart Disease**. Portland. Contact: S. H. Rahimtoola, University of Oregon Medical School, 3181 S.W. Sam Jackson Park Road, Portland 97201.

FAMILY PRACTICE

Every Thursday, 8:00 a.m. to 9:00 a.m.—**Family Practice Grand Rounds**. Family Practice Center, University of Oregon Medical School, Portland. Contact: David D. Smith, MD, Department of Family Practice, University of Oregon Medical School, 3181 S.W. Sam Jackson Park Road, Portland 97201.

May 1-4—**Oregon Academy of Family Practice 28th Annual Scientific Assembly**. Jantzen Beach Thunderbird, Portland. Contact: Ms. Skippie Patterson, Oregon Academy of Family Practice, 2153 S.W. Main, Portland 97205.

INTERNAL MEDICINE

May 15-17—**Oregon Society of Internal Medicine Annual Meeting**. Inn of the Seventh Mountain, Bend. Contact: Ted Lawson, Oregon Society of Internal Medicine, 2164 S.W. Park Place, Portland 97205.

NEUROLOGY

June 7-8—**Oregon Neurosurgical Society Annual Meeting**. Jantzen Beach Thunderbird, Portland. Contact: Michael Mason, MD, 2525 N.W. Lovejoy, Portland 97210.

OPHTHALMOLOGY AND OTOLARYNGOLOGY

March 14-15—**Oregon Academy of Ophthalmology and Otolaryngology Annual Meeting**. Sheraton Motor Inn, Portland. Contact: Richard Panian, MD, 2222 N.W. Lovejoy, Suite 423, Portland 97210.

PEDIATRICS

March 12-15—**North Pacific Pediatric Society Annual Meeting**. Portland. Contact: B. C. DeLong, MD, 3195 Granville St., Suite 106, Vancouver, B.C., Canada.

PSYCHIATRY

April 6—**American Psychiatric Association, Oregon District Branch Annual Meeting**. Jantzen Beach Thunderbird, Portland. Contact: Clement C. Vickery, MD, 740 Winter Street, S.E., Salem 97301.

OF INTEREST TO ALL PHYSICIANS

May 30-31—**Hypertension: The Challenge to the Clinician**. Portland, Jantzen Beach Thunderbird. Sponsored by the University of Oregon Medical School. Contact: M. Roberts Grover, Jr., MD, Associate Dean, University of Oregon Medical School, 3181 SW Sam Jackson Park Road, Portland 97201, (503) 225-8228. Acceptable for 10 hours Category I credit.

PROLOID® (thyroglobulin)

Caution: Federal law prohibits dispensing without prescription.

Description. Proloid (thyroglobulin) is obtained from a purified extract of frozen hog thyroid. It contains the known calorimetrically active components, Sodium Levothyroxine (T_4) and Sodium Liothyronine (T_3). Proloid (thyroglobulin) conforms to the primary USP specifications for desiccated thyroid—for iodine based on chemical assay—and is also biologically assayed and standardized in animals.

Chromatographic analysis to standardize the Sodium Levothyroxine and Sodium Liothyronine content of Proloid (thyroglobulin) is routinely employed.

The ratio of T_4 and T_3 in Proloid (thyroglobulin) is approximately 2.5 to 1.

Proloid (thyroglobulin) is stable when stored at usual room temperature.

Indications. Proloid (thyroglobulin) is thyroid replacement therapy for conditions of inadequate endogenous thyroid production: e.g., cretinism and myxedema. Replacement therapy will be effective only in manifestations of hypothyroidism.

In simple (nontoxic) goiter, Proloid (thyroglobulin) may be tried therapeutically, in nonemergency situations, in an attempt to reduce the size of such goiters.

Contraindication. Thyroid preparations are contraindicated in the presence of uncorrected adrenal insufficiency.

Warnings. Thyroglobulin should not be used in the presence of cardiovascular disease unless thyroid replacement therapy is clearly indicated. If the latter exists, low doses should be instituted beginning at 0.5 to 1.0 grain (32 to 64 mg) and increased by the same amount in increments at two-week intervals. This demands careful clinical judgment.

Morphologic hypogonadism and nephroses should be ruled out before the drug is administered. If hypopituitarism is present, the adrenal deficiency must be corrected prior to starting the drug.

Myxedematous patients are very sensitive to thyroid and dosage should be started at a very low level and increased gradually.

Precaution. As with all thyroid preparations this drug will alter results of thyroid function tests.

Adverse Reactions. Overdosage or too rapid increase in dosage may result in signs and symptoms of hyperthyroidism, such as menstrual irregularities, nervousness, cardiac arrhythmias, and angina pectoris.

Dosage and Administration. Optimal dosage is usually determined by the patient's clinical response. Confirmatory tests include BMR, $T_3^{131}I$ resin sponge uptake, $T_3^{131}I$ red cell uptake, Thyroid Binding Index (TBI), and Achilles Tendon Reflex Test. Clinical experience has shown that a normal PBI (3.5-8 mcg/100 ml) will be obtained in patients made clinically euthyroid when the content of T_4 and T_3 is adequate. Dosage should be started in small amounts and increased gradually with increments at intervals of one to two weeks. Usual maintenance dose is 0.5 to 3.0 grains (32 to 190 mg) daily.

Instructions for Use. The following conversion table lists the approximate equivalents of other thyroid preparations to Proloid (thyroglobulin) when changing medication from desiccated thyroid, T_4 (sodium levothyroxine), T_3 (sodium liothyronine), or T_4/T_3 (liotrix).

CONVERSION TABLE				
Dose of Proloid (thyroglobulin)	Dose of Desiccated Thyroid	Dose of T_4 (sodium levothyroxine)	Dose of T_3 (sodium liothyronine)	Dose of liotrix (T_4/T_3)
1 grain	1 grain	0.1 mg	25 mcg	#1 (60 mcg/15 mcg)
2 grains	2 grains	0.2 mg	50 mcg	#2 (120 mcg/30 mcg)
3 grains	3 grains	0.3 mg	75 mcg	#3 (180 mcg/45 mcg)
4 grains	4 grains	0.4 mg	100 mcg	
5 grains	5 grains	0.5 mg	125 mcg	

In changing from Thyroid USP to Proloid (thyroglobulin), substitute the equivalent dose of Proloid (thyroglobulin). Each patient may still require fine adjustment of dosage because the equivalents are only estimates.

Overdosage Symptoms. Headache, instability, nervousness, sweating, tachycardia, with unusual bowel motility. Angina pectoris or congestive heart failure may be induced or aggravated. Shock may develop. Massive overdosage may result in symptoms resembling thyroid storm. Chronic excessive dosage will produce the signs and symptoms of hyperthyroidism.

(Treatment: In shock, supportive measures should be utilized. Treatment of unrecognized adrenal insufficiency should be considered.)

Supplied. $\frac{1}{4}$ grain tablets in bottles of 100 (N0047-0250-51) and 1000 (N0047-0250-60); $\frac{1}{2}$ grain tablets in bottles of 100 (N0047-0251-51) and 1000 (N0047-0251-60); scored 1 grain tablets in bottles of 100 (N0047-0252-51) and 1000 (N0047-0252-60); 1½ grain tablets in bottles of 100 (N0047-0253-51) and 1000 (N0047-0253-60); scored 2 grain tablets in bottles of 100 (N0047-0254-51) and 1000 (N0047-0254-60); scored 5 grain tablets in bottles of 100 (N0047-0255-51) and 1000 (N0047-0255-60). Full information is available on request. P-GP-51 4/c



WARNER/CHILCOTT
Division, Warner-Lambert Company
Morris Plains, N.J. 07950

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WASHINGTON, MONTANA, ALASKA and IDAHO

In order to have future activities listed here or to receive information on these and other activities, please write Ms. Joan M. Kelday, Information Specialist, Continuing Medical Education, WAMI Program, University of Washington School of Medicine, E-301, Health Sciences Building, SC-45, Seattle, Washington 98195. Phone: (206) 543-6995.

March 14-15—Current Concepts in Cardiology. Friday-Saturday. Virginia Mason Medical Center Auditorium, Seattle. 9 hrs. \$50. Contact: Kenneth Wilske, MD, Dir. CME, Virginia Mason Medical Center, 1111 Terry Ave., Seattle 98101. (206) MA 3-3700, Ext. 470.

March 17-21—Emergency Medicine Institute. Monday-Friday. Univ. of Wash. Health Sciences Center, Seattle. 40 hrs. \$250. Contact: Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle 98195. (206) 543-1050.

March 20-21—Basic Sciences for Clinicians. Thursday-Friday. Univ. of Wash. Health Sciences Center, Seattle. 9 hrs. \$55. Contact: Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle 98195. (206) 543-1050.

March 28-29—Diabetic Patient Education: A Course for Physicians, Nurses and Allied Health Personnel. Friday-Saturday. Virginia Mason Medical Center Auditorium, Seattle. 9 hrs. \$50, physicians; \$25, others. Contact: Kenneth Wilske, MD, Dir. CME, Virginia Mason Medical Center, 1111 Terry Ave., Seattle 98101. (206) MA 3-3700, Ext. 470.

March 31-April 4—Advances in Family Practice. Monday-Friday. Univ. of Wash. Health Sciences Center, Seattle. 40 hrs. \$100. Contact: Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle 98195. (206) 543-1050.

April 4-5—Acid Base and Blood Gas Management in the Surgical Patient. Friday-Saturday. Virginia Mason Medical Center Auditorium, Seattle. 9 hrs. \$50. Contact: Kenneth Wilske, MD, Dir. CME, Virginia Mason Medical Center, 1111 Terry Ave., Seattle 98101. (206) MA 3-3700, Ext. 470.

April 24-25—Conference on Respiratory Care. Thursday-Friday. Univ. of Wash. Health Sciences Center, Seattle. Hours not set. \$75. Contact: Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle 98195. (206) 543-1050.

April 28-May 2—Emergency Medicine Institute. Monday-Friday. Univ. of Wash. Health Sciences Center, Seattle. 40 hrs. \$250. Contact: Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle 98195. (206) 543-1050.

April 29-30—Exercise Testing Workshop. Tuesday-Wednesday. Univ. of Wash. Health Sciences Center, Seattle. 12 hrs. \$95. Contact: Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle 98195. (206) 543-1050.

May 14-16—Advances in Internal Medicine. Wednesday-Friday. University Tower Hotel, Seattle. 18 hrs. \$150. Contact: Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle 98195. (206) 543-1050.

May 16-17—Washington Academy of Family Physicians Annual Meeting. Friday-Saturday. Inn-at-the-Quay, Vancouver, Wash. 10 AAFP hrs. Contact: Walter Lapsley, Exec. Secretary, WAFP, 10003 SE Evergreen Highway, Vancouver, WA 98664.

May 16-17—Puget Sound Academy of Otolaryngology Annual Meeting. Friday-Saturday. Olympic Hotel, Seattle. Contact: Joseph W. Walike, MD, 1118 9th Ave., Seattle 98101. (206) 623-3700.

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May 22-23—Pediatric Care for Family Practitioners. Thursday-Friday. Children's Orthopedic Hospital and Medical Center, Seattle. 12 hrs. \$35. Contact: William O. Robertson, MD, Director of Medical Education, Children's Orthopedic Hospital, P.O. Box 5371, Seattle 98105. (206) 634-5072.

May 25-27—Alaska State Medical Association Annual Meeting. Sunday-Tuesday. Glacier Bay, Alaska. Contact: Mrs. Martha L. MacDermaid, Alaska State Medical Assoc., 1135 8th Ave., Anchorage, Alaska 99501.

June 6-7—Advances in Otolaryngology and Facial Plastic Surgery. Friday-Saturday. Virginia Mason Medical Center Auditorium, Seattle. 9 hrs. \$50. Contact: Kenneth Wilske, MD, Dir. CME, Virginia Mason Medical Center, 1111 Terry Ave., Seattle 98101. (206) MA 3-3700, Ext. 470.